

MATERIAL SAFETY  
DATA SHEET

VALVOLINE OIL COMPANY  
DIVISION OF ASHLAND OIL, INC.  
P.O. BOX 391  
ASHLAND, KENTUCKY 41114  
(606) 329-3333

24-HOUR  
EMERGENCY  
TELEPHONE  
(606) 324-1133

DD1164

TECTYL 900

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THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD)

PRODUCT NAME: TECTYL 900

F &amp; L COMPANY

1537 E DEL AMO

CARSON CA 90746

ATTN: PLANT MGR / SAFETY DIR.

08 70 000 0828913-000  
DATA SHEET NO: 0020272-005  
LATEST REVISION DATE: 03/87-87070  
PRODUCT: 50011099  
INVOICE: 024345  
INVOICE DATE: 02/27/87  
TO: 1537 E DEL AMO

CARSON CA 90746

## SECTION I-PRODUCT IDENTIFICATION

GENERAL OR GENERIC ID: PETROLEUM BASED RUST PREVENTATIVE

DOT HAZARD CLASSIFICATION: NOT APPLICABLE

## SECTION II-COMPONENTS

IF PRESENT, IARC, NTP AND OSHA CARCINOGENS ARE IDENTIFIED IN THIS SECTION  
SEE DEFINITION PAGE FOR CLARIFICATION

INGREDIENT	% (BY WT)	NOTE
ALIPHATIC PETROLEUM DISTILLATE CAS #: 64742-53-6	85-100	(1)

(1): PEL/TLV NOT ESTABLISHED FOR THIS MATERIAL

\* THE SPECIFIC CHEMICAL IDENTITY HAS BEEN WITHHELD AS A TRADE SECRET.

## SECTION III-PHYSICAL DATA

PROPERTY	REFINEMENT	MEASUREMENT
BOILING POINT	FOR COMPONENT( 10-25%)	300.00 DEG F ( 148.88 DEG C) 760.00 MMHG
VAPOR PRESSURE	FOR COMPONENT( 10-25%)	0.04 MMHG ( 68.00 DEG F 20.00 DEG C)
SPECIFIC VAPOR DENSITY		HEAVIER THAN AIR
SPECIFIC GRAVITY		.889 ( 60.00 DEG F 15.55 DEG C)
PERCENT VOLATILES	NOT APPLICABLE	
EVAPORATION RATE		SLOWER THAN ETHER
APPEARANCE		NOT SPECIFIED
STATE		LIQUID
FORM		HOMOG SOLN

## SECTION IV-FIRE AND EXPLOSION INFORMATION

FLASH POINT(PMCC ) 275.0 DEG F  
( 135.0 DEG C)

EXPLOSIVE LIMIT (LOWEST VALUE OF COMPONENT) LOWER - 1.1%

EXTINGUISHING MEDIA: REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMICAL

HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS, CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC.

FIREFIGHTING PROCEDURES: WATER OR FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT AND POSSIBLY ENDANGER THE LIFE OF THE FIREFIGHTER, ESPECIALLY IF SPRAYED INTO CONTAINERS OF HOT, BURNING LIQUID.

WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE WHEN FIGHTING FIRES.

SPECIAL FIRE & EXPLOSION HAZARDS: NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM (EVEN EMPTY) BECAUSE PRODUCT (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY.

NFPA CODES: HEALTH- 1 FLAMMABILITY- 1 REACTIVITY- 0

## SECTION V-HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: NOT ESTABLISHED FOR PRODUCT. SEE SECTION II.

EFFECTS OF ACUTE OVEREXPOSURE: FOR COMPONENT

EYES - CAN CAUSE IRRITATION.

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SECTION V-HEALTH HAZARD DATA (CONTINUED)  
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SKIN - CAN CAUSE IRRITATION.  
SWALLOWING - CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.  
ASPIRATION OF MATERIAL INTO THE LUNGS CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.  
BREATHING - EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION.

FIRST AID:  
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IF ON SKIN, THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER.  
IF IN EYES, FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY, GET MEDICAL ATTENTION.  
IF SWALLOWED, DO NOT INDUCE VOMITING, KEEP PERSON WARM, QUIET, AND GET MEDICAL ATTENTION. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.  
IF BREATHED, REMOVE INDIVIDUAL TO FRESH AIR.

PRIMARY ROUTE(S) OF ENTRY:  
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SKIN CONTACT  
INHALATION

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SECTION VI-REACTIVITY DATA  
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HAZARDOUS POLYMERIZATION, CANNOT OCCUR  
STABILITY, STABLE  
INCOMPATIBILITY, AVOID CONTACT WITH, STRONG OXIDIZING AGENTS.

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SECTION VII-SPILL OR LEAK PROCEDURES  
-----STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
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SMALL SPILL, ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL.  
LARGE SPILL, PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT, OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

WASTE DISPOSAL METHOD:  
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SMALL SPILL, DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.  
LARGE SPILL, DESTROY BY INCINERATION IN ACCORDANCE WITH APPLICABLE REGULATIONS. CONTAMINATED ABSORBENT MAY BE DEPOSITED IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED  
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RESPIRATORY PROTECTION, IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. (SEE YOUR SAFETY EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

VENTILATION, PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

PROTECTIVE GLOVES, WEAR RESISTANT GLOVES SUCH AS, NEOPRENE

EYE PROTECTION, WEAR SAFETY GLASSES IN COMPLIANCE WITH OSHA REGULATIONS. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)

OTHER PROTECTIVE EQUIPMENT, NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

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SECTION IX-SPECIAL PRECAUTIONS OR OTHER COMMENTS  
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CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL HAZARD PRECAUTIONS GIVEN IN THIS DATASHEET MUST BE OBSERVED.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.

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SECTION X-LABEL INFORMATION  
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CAUTION!

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## SECTION X-LABEL INFORMATION (CONTINUED)

MAY CAUSE EYE AND SKIN IRRITATION.

SWALLOWING CAN CAUSE IRRITATION OF MOUTH, ESOPHAGUS AND GASTROINTESTINAL  
SYSTEM.

INHALATION OF MIST CAN CAUSE IRRITATION OF NASAL AND RESPIRATORY PASSAGES.

## HANDLING &amp; STORAGE:

AVOID CONTACT WITH EYES AND PROLONGED OR REPEATED CONTACT WITH SKIN.

WEAR SAFETY GLASSES OR GOGGLES, RESISTANT GLOVES, AND OTHER APPROPRIATE  
PROTECTIVE EQUIPMENT ESSENTIAL FOR YOUR OPERATION.

DO NOT USE CUTTING OR WELDING TORCH ON THIS CONTAINER EVEN EMPTY).

DO NOT TRANSFER TO UNLABELED CONTAINER

MINIMIZE EXPOSURE THROUGH GOOD HYGIENIC PRACTICES.

DO NOT USE CUTTING OR WELDING TORCH ON THIS CONTAINER EVEN EMPTY).

USE OR STORE WITH ADEQUATE VENTILATION.

## FIRST AID:

EYES; FLUSH WITH WATER. CALL A PHYSICIAN.  
SKIN; WASH THOROUGHLY WITH SOAP AND WATER.INHALATION; IF AFFECTED, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GET  
MEDICAL ATTENTION.INGESTION; IMMEDIATELY DRINK TWO GLASSES OF WATER AND INDUCE VOMITING BY EITHER  
GIVING IPECAC SYRUP OR BY PLACING FINGER AT BACK OF THROAT. NEVER GIVE  
ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

CONTAINS; PETROLEUM OIL

\*\*\* COMPONENTS APPEAR IN SECTION II \*\*\*